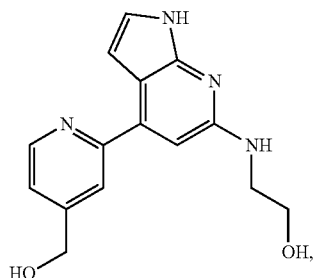
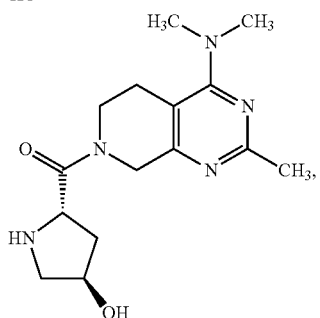


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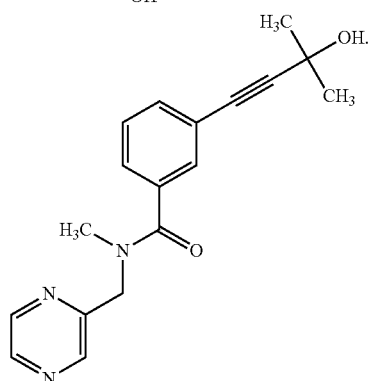
Formula 5



Formula 6



Formula 7

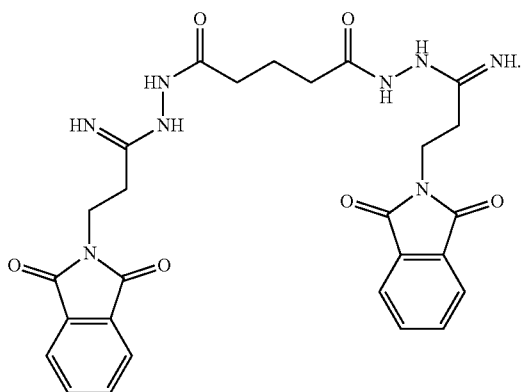


10. The method of claim 9, wherein the PKC δ I inhibitor is effective to reduce PKC δ I activity in the subject in need thereof.

11. The method of claim 9, wherein the PKC δ I inhibitor is effective to reduce PKC δ I activity in an adipocyte in the subject in need thereof.

12. The method claim 9, wherein the PKC δ I inhibitor is a compound according to Formula 1

Formula 1



13. The method of claim 9, wherein the PKC δ I inhibitor is effective to reduce the activity of PKC δ I and is not effective to reduce the activity of PKC α , PKC β , PKC γ , PKC ϵ , PKC θ , PKC ι , PKC ζ , PKC δ II, PKC δ III or any combination thereof.

14. The method of claim 9, wherein the PKC δ I inhibitor simultaneously binds the DMQD amino acid sequence within the V3 hinge region of PKC δ I and the active site on the C2 domain of PKC δ I.

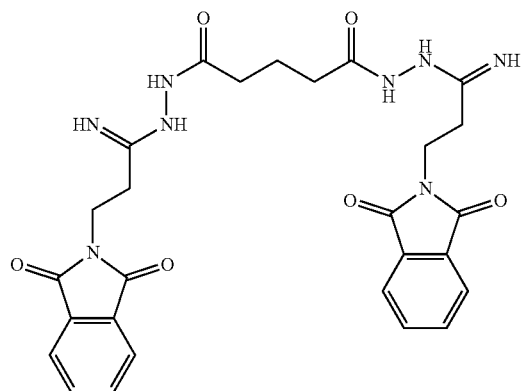
15. The method of claim 9, wherein the subject in need thereof has diabetes, a cancer, an inflammatory, disease obesity, insulin resistance, metabolic syndrome hepatosteatosis, a cardiovascular disease, a neurodegenerative disease or a symptom thereof.

16.-24. (canceled)

25. A method of reducing PKC δ I expression in a subject in need thereof, the method comprising:

administering a formulation comprising an effective amount of a PKC δ I inhibitor to the subject in need thereof, wherein the PKC δ I inhibitor is a compound having a structure as in Formula 1

Formula 1



or a structural analogue thereof, wherein the structural analogue specifically binds the DMQD amino acid sequence within the V3 hinge region of PKC δ I or simultaneously bind the DMQD amino acid sequence within the V3 hinge region of PKC δ I and the active site of PKC δ I on the C2 domain of PKC δ I.

26. The method of claim 25, wherein PKC δ I expression is reduced in an adipocyte in a subject in need thereof.

27. The method of claim 25, wherein the PKC δ I inhibitor is effective to reduce activity of PKC δ I and is not effective to reduce the activity of PKC α , PKC β , PKC γ , PKC ϵ , PKC δ , PKC ι , PKC ζ , PKC δ II, PKC δ VIII or any combination thereof.

28. The method of claim 25, wherein the subject in need thereof has a PKC δ I disorder.

29. The method of claim 25, wherein the subject in need thereof has diabetes, a cancer, an inflammatory, disease obesity, insulin resistance, metabolic syndrome hepatosteatosis, a cardiovascular disease, a neurodegenerative disease or a symptom thereof.